



**75 Gallon Capacity**

**Vents Up To 34 Feet Using 3" PVC Pipe**

**And Up To 95 Feet Using 4" PVC Pipe**



**Available in 75 Gallon Tank-Type Models**

▶ **75,000 BTU/Hr.**

The Rheem-Ruud PowerVent commercial water heater is specifically designed to fill the need wherever medium quantities of hot water are required. Typical applications include large residences, small restaurants, apartments up to 6 units and small office buildings.

**Construction Features:**

- **Long life tank design** – proprietary steel formulation with a unique coat of high temperature porcelain enamel to maximize corrosion resistance resulting in a superior tank design.

**Guardian System™**

- Air/fuel shut-off system offers double protection
- Maintenance free – no filter to clean



**Flammable Vapor Detection Sensor**

- Protective control system that disables the heater in the presence of flammable vapor accumulation



**Flexible Venting Options**

- Long venting lengths up to 100 feet
- PVC, ABS, or CPVC vent pipe options
- Vertical or horizontal termination

**New Quiet Blower**

- Less noise than ever before

**Self-Diagnostic System**

- Integrated self-diagnostic system control takes the guess work away

**Environmentally Friendly Burner**

- Low NOx design for low nitrous oxide emissions

**High Altitude Compliant**

- Certified for applications up to 7,700 feet above sea level

**Longer Life**

- Patented magnesium anode rod design incorporates a special resistor that protects the tank from corrosion
- Provides longer tank life than using standard magnesium anode rods

**Additional Features**

- Durable silicon nitride ignitor (HSI)
- Standard 110 volt electrical connection
- Exceeds National Appliance Energy Conservation Act (NAECA) and ASHRAE requirements
- **Durable brass drain valve**
- **Temperature and pressure relief valve** – AGA/ASME rated and factory installed

**Certifications and Ratings:**

- **Efficiency** – these models have been tested according to DOE test procedures, and meet or exceed thermal efficiency and standby loss requirements of current ASHRAE standards (Part of the Federally mandated Energy Policy Act (EPact) and NRCAN). Also exceeds energy efficiency codes of all states including California Energy Commission (CEC).
- **Safety and construction** – these products are design certified by CSA Laboratories: a) To meet all safety and construction requirements of ANSI Z21.10.1. b) As an automatic storage water heater. c) For operation of combustible floors, in alcove, and closet installations. d) For combination water heating and space heating applications. All models are North Carolina Code compliant. Certified for a 150 PSI Maximum Working Pressure.

<b>RECOVERY CAPACITIES</b> Recovery in U.S. Gallons/Hr. (GPH) and Liters/Hr. (LPH) at various temperature rises											
MODEL NUMBER	INPUT (BTU/HR.) NATURAL & L.P.	UNITS	40°F	50°F	60°F	70°F	80°F	90°F	100°F	110°F	120°F
			(22°C)	(28°C)	(33°C)	(39°C)	(45°C)	(50°C)	(56°C)	(61°C)	(67°C)
GPV75-75FV-2	75,000	GPH	173	138	115	99	86	77	69	63	58
		LPH	654	523	436	374	327	291	262	238	218
GPV75-75PFV-2	70,000	GPH	161	129	107	92	81	72	64	59	54
		LPH	610	489	407	349	305	272	244	222	203

<b>MAXIMUM DELIVERY</b> Delivery in U.S. Gallons and Liters. (Includes useable storage and recovery for indicated times)															
MODEL NUMBER	CAPACITY		INPUT (BTU/HR.) NATURAL & L.P.	TEMP. RISE	UNITS	5	10	15	20	30	45	60	120	180	Min. to Rec. Contents
	GALS	LITERS				Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.		
GPV75-75FV-2	75	284	75,000	100 °F	GAL	59	65	71	77	89	107	125	198	271	65
				37.7 °C	LTR	224	246	267	292	337	405	474	750	1027	
GPV75-75FV-2	75	284	70,000	100 °F	GAL	58	63	68	74	84	100	117	182	246	70
				37.7 °C	LTR	219	239	259	279	319	380	443	687	932	

<b>DIMENSIONAL INFORMATION</b> All dimensions in English and Metric units									
MODEL NUMBER	UNITS	A	B	C	D	E	F	G	APPROX. SHIP. WEIGHT
GPV75-75(P)FV-2	inches	72	60-1/8	26-1/4	14-3/4	11	53-1/4	1	330 Lbs
	mm	1829	1527	667	375	279	1353	25	150 Kg

**Maximum and Minimum Vent Lengths:**

HIGH ALTITUDE (2,000-7,700 FT.): 3" VENT			
NUMBER OF 90° ELBOWS WITH VENT TERMINAL	NUMBER OF 45° ELBOWS	MINIMUM PIPE LENGTH REQ. (FT.)	MAXIMUM PIPE LENGTH (FT.)
One (1)	None	-	34.0
One (1)	One (1)	5.0	31.0
Two (2)	None	-	28.0
Two (2)	One (1)	-	25.0
Three (3)	None	-	22.0

SEA LEVEL TO HIGH ALTITUDE (0-7,700 FT.): 4" VENT*			
NUMBER OF 90° ELBOWS WITH VENT TERMINAL	NUMBER OF 45° ELBOWS	MINIMUM PIPE LENGTH REQ. (FT.)	MAXIMUM PIPE LENGTH (FT.)
One (1)	None	-	95.0
One (1)	One (1)	5.00	92.5
Two (2)	None	-	90.0
Two (2)	One (1)	-	87.5
Three (3)	None	-	85.0
Three (3)	One (1)	-	82.5

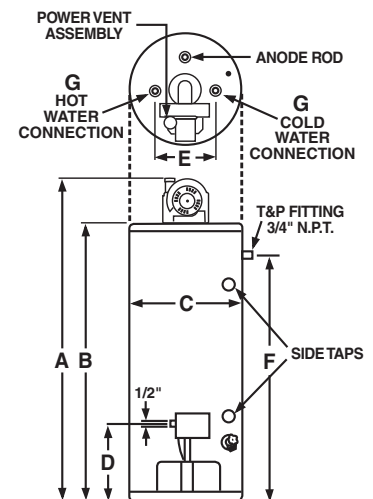
For the 3" and 4" vent, one 90° elbow is approximately equal to 5 feet of pipe. One 45° elbow is approximately equal to 2.5 feet of pipe.

**Recommended Specifications:**

Water heater(s) shall be model GPV75-75FV-2, manufactured by RHEEM-RUUD, having gas input of 75,000 Btu/hr. and a recovery rate of 69 GPH at a 100°F temperature rise. Water heater shall have a storage capacity of 75 gallons. Water heater shall have the CSA seal of certification and be factory equipped with an AGA/ASME rated temperature and pressure relief valve. Tank shall have a coating of high temperature porcelain enamel and furnished with a magnesium anode rod rigidly supported. Water heater shall meet or exceed the energy factor requirements of ASHRAE. Tank shall have a working pressure rating of 150 psi, and shall be completely factory assembled, including a pressure regulator properly adjusted for operation on \_\_\_\_\_ gas. Water Heater shall have a hot surface ignition system. Controls will be arranged for safety shutoff in event of pilot failure. Complete unit shall be insulated with rigid polyurethane foam insulation. Water Heater shall be covered by a three year limited warranty against tank leaks.

**Limited Warranty:**

This product features a three year limited warranty against tank leaks. Please refer to Commercial Warranty Information brochure for complete warranty information.



**COMMERCIAL WATER HEATERS**

*In keeping with its policy of continuous progress and product improvement, Rheem-Ruud reserves the right to make changes without notice.*